Title (en)
FIREARM WITH QUICK COUPLING BARREL INTERLOCK SYSTEM

Title (de)
FEUERWAFFE MIT EINEM SCHNELLKOPPLUNGS-LAUFVERRIEGELUNGSSYSTEM

Title (fr)
ARME À FEU POURVUE D'UN SYSTÈME DE VERROUILLAGE DE CANON À RACCORD RAPIDE

Publication
EP 2705320 A4 20141008 (EN)

Application
EP 12779606 A 20120404

Priority
• US 201113101510 A 20110505
• US 2012032092 W 20120404

Abstract (en)
[origin: US2012216439A1] A firearm with barrel interlock system for a rotary mounted quick coupling barrel assembly. In one embodiment, the firearm includes a receiver and barrel assembly rotatably mounted thereto. A bolt carrier supporting a bolt is slidably disposed in the receiver and axially movable into and out of battery with the barrel assembly. The barrel interlock system may include a first barrel anti-rotation locking element disposed on the barrel assembly and a mating second barrel anti-rotation locking element disposed on the bolt carrier that is engageable with the first element. When mutually engaged, the first and second locking elements form a meshed relationship and prevent rotation and removal of the barrel assembly from the receiver. In some non-limiting embodiments, the locking elements may be in the form of a protrusion and complementary shaped recess.

IPC 8 full level
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CPC (source: EP US)
F41A 3/26 (2013.01 - EP US); **F41A 21/481** (2013.01 - EP US); **F41A 21/484** (2013.01 - EP US)

Citation (search report)
• [A] US 2010269682 A1 20101028 - VUKSANOVICH BRIAN [US], et al
• [A] GB 2299852 A 19961016 - RHEINMETALL IND GMBH [DE]
• [A] DE 717473 C 19420214 - HEINRICH FRHR V WIMMERSPERG
• [AD] US 6971202 B2 20051206 - BENDER TERRENCE [US]
• See references of WO 2012151024A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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